



STIC Search Report

EIC 1700

STIC Database Tracking Number: 144300

TO: Jason Savage
Location: REM 5E70
Art Unit : 1775
February 7, 2005

Case Serial Number: 09/757891

From: Kendra Mellerson
Location: EIC 1700
REM 4B28
Phone: 571-272-2516

Kendra.Mellerson@uspto.gov

Search Notes

No Cases Reported

US 6,562,480

Mellerson, Kendra

From: Savage, Jason
Sent: Monday, February 07, 2005 6:33 AM
To: STIC-EIC1700
Subject: Litigation search?

Hello, I am an examiner in 1700 and am working on a reissue and need to get a litigation search for the case/patent. Would I need to contact anyone in particular in the STIC or do I need to get a search from somewhere/someone else? Thank you for any assistance that you may provide. The original patent number is 6,562,480 and original serial number is 09/757,891.

Jason Savage
2-1542
GAU 1775

Current session 07/02/2005

(C) QUESTEL 1994

QUESTEL.ORBIT (TM) 1998

07/02/05 13*16*48

Last connection: 03/02/05 15*17*02

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Query/Command : FILE PLUSPAT

QUESTEL - Time in minutes : 0,69

The cost estimation below is based on Questel's
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Estimated cost :	0.74 USD
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Estimated total session cost :	0.74 USD

Selected file: PLUSPAT

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Last update of file: 2005/02/02 (YYYY/MM/DD) 2005-04/UP (last update)

Search statement 1

Query/Command : US6562480/PN

**** SS 1: Results 1**

Search statement 2

Query/Command : PRT FULL NONSTOP LEGALALL

1 / 1 PLUSPAT - ©QUESTEL-ORBIT - image

PN - US6562480 B1 20030513 [US6562480]
TI - (B1) Wear resistant coating for piston rings
PA - (B1) DANA CORP (US)
PA0 - Dana Corporation, Toledo OH [US]
IN - (B1) EINBERGER PETER J (US); SMITH THOMAS J (US); STONG THOMAS C (US)
AP - US75789101 20010110 [2001US-0757891]
PR - US75789101 20010110 [2001US-0757891]
IC - (B1) B23P-015/08 B32B-015/00 B32B-015/16 C22C-019/05
EC - C23C-004/06
PCL - ORIGINAL (O) : 428546000; CROSS-REFERENCE (X) : 029888074
428569000 428660000 428663000 428666000
DT - Corresponding document
CT - US3556747; US4039399; US4123072; US4208845; US4334927; US4592964;
US4612256; US4756841; US5126104; US5547203; US5592927; US5605741;
US5702769; US5713129; US5713324; US5756150; US5763106; US5773734;
US5863618; US5906896
Dana Perfect Circle Division Material Specification, No. PCF-284, Issued Jul. 8,
1999.

Dana Perfect Circle Division Material Specification, No. PCHP-2, Issued Jan.
10, 2000.
STG - (B1) U.S. Patent (no pre-grant pub.) after Jan. 2, 2001
AB - A wear resistant coating for protecting surfaces undergoing sliding contact is
disclosed. The wear resistant coating is applied by high velocity oxygen-fuel
(HVOF) deposition of a powdered blend of the coating constituents. The
powdered blend includes a nickel-chromium alloy, chromium carbide, and
molybdenum. The disclosed coating should find use as a bearing surface on
piston rings, cylinder liners, and other components of a power cylinder assembly
of an internal combustion engine.
UP - 2003-21

1 / 1 LGST - ©EPO

PN - US6562480 B1 20030513 [US6562480]
AP - US75789101 20010110 [2001US-0757891]
ACT - 20010529 US/AS-A
ASSIGNMENT
OWNER: DANA CORPORATION 4500 DORR STREET TOLEDO OHIO
4369; EFFECTIVE DATE: 20010411
ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:STONG,
THOMAS C.;EINBERGER, PETER J.;REEL/FRAME:011843/0452

20020118 US/AS-A
ASSIGNMENT

OWNER: DANA CORPORATION 4500 DORR STREET TOLEDO OHIO
4369; EFFECTIVE DATE: 20010411
ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:STONG,
THOMAS C.;EINBERGER, PETER J.;SMITH, THOMAS
J.;REEL/FRAME:012529/0809

20040330 US/RF-A
REISSUE APPLICATION FILED
EFFECTIVE DATE: 20031231

UP - 2004-41

1 / 1 CRXX - ©CLAIMS/RRX

PN - 6,562,480 A 20030513 [US6562480]

PA - Dana Corp

ACT - 20031231 REISSUE REQUESTED

ISSUE DATE OF O.G.: 20040330

REISSUE REQUEST NUMBER: 10/751347

EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 1775

Reissue Patent Number:

Search statement 2

Query/Command : FILE INPADOC

PLUSPAT - Time in minutes : 0,64

The cost estimation below is based on Questel's
standard price list

Estimated cost :	1.76 USD
Records displayed and billed :	1
Estimated cost :	1.40 USD
Cost estimated for the last database search :	3.16 USD
Estimated total session cost :	3.90 USD

LGST - Time in minutes : 0,32

The cost estimation below is based on Questel's
standard price list

Estimated cost :	0.42 USD
Records displayed and billed :	1
Estimated cost :	0.65 USD
Legal-Status informations :	1
Estimated cost :	0.50 USD
Cost estimated for the last database search :	1.57 USD
Estimated total session cost :	5.47 USD

CRXX - Time in minutes : 0,35

The cost estimation below is based on Questel's
standard price list

Estimated cost :	0.64 USD
Records displayed and billed :	1
Estimated cost :	5.70 USD
Legal-Status informations :	1
Estimated cost :	0.50 USD
Cost estimated for the last database search :	6.84 USD
Estimated total session cost :	12.31 USD

LITA - Time in minutes : 0,08
The cost estimation below is based on Questel's
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Estimated cost :	0.19 USD
Cost estimated for the last database search :	0.19 USD
Estimated total session cost :	12.50 USD

Selected file: INPADOC

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Search statement 1

Query/Command : FAM US6562480/PN

1 Patent Groups

** SS 1: Results 3

Search statement 2

Query/Command : FAMSTATE NONSTOP

1 / 3 INPADOC - ©INPADOC

PN - BR 200200081 A 20021022 [BR0200081]
TI - REVESTIMENTO RESISTENTE AO DESGASTE, ANEL DE SEGMENTO E
METODO DE PROTEGER SUPERFICIE
IN - STONG THOMAS C; EINBERGER PETER J; SMITH THOMAS J
PA - DANA CORP [US]
AP - BR 200200081/02-A 20020110 [2002BR-0000081]
PR - US 757891/01-A 20010110 [2001US-0757891]
IC - C23C-004/12; C23C-004/06; C23C-004/10

2 / 3 INPADOC - ©INPADOC

PN - DE 10200508 A1 20020711 [DE10200508]
TI - VERSCHLEISSFESTER UEBERZUG ZUM SCHUTZ EINER
OBERFLAECHE

IN - STONG THOMAS C [US]; EINBERGER PETER J [US]; SMITH THOMAS J [US]
PA - DANA CORP [US]
AP - DE 10200508/02-A 20020109 [2002DE-1000508]
PR - US 757891/01-A 20010110 [2001US-0757891]
IC - C23C-004/06; C23C-004/10

3 / 3 *INPADOC* - ©INPADOC

PN - US 6562480 BA 20030513 [US6562480]
TI - WEAR RESISTANT COATING FOR PISTON RINGS
IN - STONG THOMAS C [US]; EINBERGER PETER J [US]; SMITH THOMAS J [US]
PA - DANA CORP [US]
AP - US 757891/01-A 20010110 [2001US-0757891]
PR - US 757891/01-A 20010110 [2001US-0757891]
IC - C22C-019/05; B32B-015/00; B32B-015/16; B23P-015/08

1 / 1 *LEGALI* - ©EPO

PN - US6562480 B1 20030513 [US6562480]
AP - US75789101 20010110 [2001US-0757891]
ACTE - 20010529 US/AS-A
ASSIGNMENT
OWNER: DANA CORPORATION 4500 DORR STREET TOLEDO OHIO
4369; EFFECTIVE DATE: 20010411
ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:STONG,
THOMAS C.;EINBERGER, PETER J.;REEL/FRAME:011843/0452

20020118 US/AS-A
ASSIGNMENT
OWNER: DANA CORPORATION 4500 DORR STREET TOLEDO OHIO
4369; EFFECTIVE DATE: 20010411
ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:STONG,
THOMAS C.;EINBERGER, PETER J.;SMITH, THOMAS
J.;REEL/FRAME:012529/0809

20040330 US/RF-A
REISSUE APPLICATION FILED
EFFECTIVE DATE: 20031231
UP - 2004-41

Search statement 2

PATNO IS 6562480

DATE: FEBRUARY 7, 2005
LIBRARY: PATENT
FILE: ALL

Your search request is:
PATNO IS 6562480

Number of PATENTS found with your search request through:
LEVEL 1... 1

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LEVEL 1 - 1 PATENT

1. 6562480 , May 13, 2003 , Wear resistant coating for piston rings, Stong, Thomas C. - Kent City, Michigan; Einberger, Peter J. - Muskegon, Michigan; Smith, Thomas J. - Muskegon, Michigan, 757891 (09), Dana Corporation, Toledo, Ohio, 02, May 29, 2001 - ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS)., DANA CORPORATION 4500 DORR STREET TOLEDO OHIO 43697, Reel and Frame Number: 011843/0452 January 18, 2002 - ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS)., DANA CORPORATION 4500 DORR STREET TOLEDO OHIO 43697, Reel and Frame Number: 012529/0809

CORE TERMS: coating, piston, cylinder, ring, chromium, liner, carbide, wear, engine, molybdenum ...

LEVEL 1 - 1 OF 1 PATENT

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

6562480

<=1> Get Drawing Sheet 1 of 4

May 13, 2003

Wear resistant coating for piston rings

REISSUE: December 31, 2003 - Reissue Application filed Ex. Gp.: 1775; Re. S.N. 10/751,347 (O.G. March 30, 2004)

APPL-NO: 757891 (09)

FILED-DATE: January 10, 2001

GRANTED-DATE: May 13, 2003

CORE TERMS: coating, piston, cylinder, ring, chromium, liner, carbide, wear, engine, molybdenum ...

6562480 OR 6,562,480

Your search request has found no CASES.

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